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ED 017 473 SE 004 255

SCIENCE EDUCATION INFORMATION REPORT, BIBLIOGRAPHY 4, CURRICULUM.

ERIC INFORM.ANAL.CEN.FOR SCI.EDUC., COLUMBUS, OHIO

PUB DATE 67

EDRS PRICE MF-$0.50 HC-$4.88 120P.

DESCRIPTORS- *ABLE STUDENTS, *CONSERVATION EDUCATION, *CURRICULUM, *CURRICULUM GUIDES, *CHEMISTRY, *CURRICULUM DEVELOPMENT, *COLLEGE SCIENCE, *DISADVANTAGED YOUTH, *EARTH SCIENCE, *ELEMENTARY SCHOOL SCIENCE, *GEOLOGY, *INTERNATIONAL EDUCATION, *OUTDOOR EDUCATION, *PHYSICS, *PHYSICAL SCIENCES, *SECONDARY SCHOOL SCIENCE, *SCIENCE COURSE IMPROVEMENT PROJECT, *TEACHING GUIDES, *TEACHER EDUCATION, GENERAL SCIENCE, INSERVICE EDUCATION, INTEGRATED CURRICULUM, MATHEMATICS, NATURAL SCIENCES,

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December, 1967

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(8) SCHOOL SCIENCE AND MATHEMATICS
(9) 11 00 64 (10) 4
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1. SE 000 671 10 11 67 02 32 17 2 00 000 004
ABEGG, GERALD AND CRUMB, GLENN H.
WHY NOT HIGH SCHOOL PHYSICS?

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2. SE 001 620 11 17 67 02 23 32 1 00 000 362
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ADVISORY COUNCIL ON COLLEGE CHEMISTRY

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3. SE 001 621 11 17 67 02 23 32 1 00 000 362
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4. SE 001 743 08 18 67 03 43 29 1 00 000 197
AGRON, SAM L.
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61 2
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*PROGRAM DESCRIPTIONS, COURSE DESCRIPTIONS, NEWARK, NEW JERSEY,
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5. SE 001 790 08 18 67 03 91 22 1 35 000 337
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6. SE 000 571 08 15 67 02 91 16 2 02 000 200
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7. SE 000 623 06 08 67 02 43 20 1 00 000 197
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12 00 65 3
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8. SE 000 624 06 01 67 03 43 29 1 00 000 197
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9. SE 001 416 11 13 67 03 43 29 1 00 000 197
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12 00 65 2
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10. SE 001 436 09 22 67 03 43 29 1 00 000 197
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14. SE 001 156 08 28 67 02 81 32 1 51 000 261
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15. SE 001 157 08 28 67 02 81 32 1 51 000 261
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16. SE 001 665 11 17 67 03 43 29 2 00 000 197
ANDREWS, DAVID A. AND OTHERS
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12 00 63 3
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17. SE 001 682 08 23 67 03 43 29 1 00 000 197
ARNAL, ROBERT E.
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18. SE 000 796 08 22 67 02 85 20 2 00 000 008
AUSUBEL, DAVID P.
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12 00 65 10
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19. SE 001 006 09 08 67 03 13 29 1 00 000 001
AYLESWORTH, THOMAS G. AND NEWSOME, RICHARD D.
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20. SE 001 226 06 30 67 02 22 17 2 22 000 319
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21. SE 001 257 07 27 67 03 32 29 1 00 000 009
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23. SE 000 845 11 29 67 03 82 17 3 00 000 149
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24. SE 001 953 09 05 67 03 96 17 2 22 000 319
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25. SE 001 129 09 22 67 03 95 29 1 00 000 169
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26. SE 000 672 07 26 67 03 62 29 1 00 000 004
BENNETT, LEROY C.
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27. SE 001 314 11 17 67 10 12 17 2 22 000 319
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28. SE 001 580 11 29 67 02 15 17 2 43 000 164
BENNETT, LLOYD M.
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AUTHOR, TEXAS WOMAN'S UNIVERSITY, DENTON

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29. SE 000 946 06 27 67 02 12 17 1 00 000 004
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30. SE 000 198 07 05 67 02 22 20 1 00 000 004
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A DISCUSSION OF THE NEW CHEMISTRY PROGRAMS (CHEMS AND CBA) AND THE TRADITIONAL PROGRAMS IN HIGH SCHOOL

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31. SE 000 428 08 22 67 03 35 24 1 38 000 256
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35. SE 000 417 08 22 67 02 95 20 1 00 000 010
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36. SE 001 319 11 20 67 12 12 17 2 22 000 319
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37. SE 001 913 08 29 67 02 85 20 1 32 000 339
BLOOM, SAMUEL W.
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38. SE 001 363 10 09 67 03 81 22 1 00 000 010
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SCHOOL INSTITUTES, OKLAHOMA CITY

86. SE 000 953 07 21 67   03 12 29   1   00 000 001
DRUGER, MARVIN
A SUMMER BIOLOGY PROGRAM FOR HIGH-ABILITY STUDENTS

THE AMERICAN BIOLOGY TEACHER

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*COURSE CONTENT, *ABLE STUDENTS, *PROGRAM EVALUATION, *PROGRAM PLANNING, *SECONDARY SCHOOL SCIENCE, *SUMMER SCIENCE PROGRAMS, BOTANY, SCIENCE ACTIVITIES, ZOOLOGY, NATIONAL SCIENCE FOUNDATION, PROGRAM DESCRIPTIONS

87. SE 001 240 07 26 67   03 23 17   2   22 000 319
DZARA, FREDERICK THEODORE
AN INVESTIGATION OF CERTAIN ASPECTS OF THE CHEMISTRY SECTION OF THE NATIONAL SCIENCE FOUNDATION SUMMER INSTITUTES HELD AT THE UNIVERSITY OF ALABAMA #64-3157
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*CHEMISTRY, *INSERVICE TEACHER EDUCATION, *INSTITUTE EVALUATION, *TEACHER EDUCATION, *CHEMISTRY TEACHER INSTITUTES, SUMMER PROGRAMS, NATIONAL SCIENCE FOUNDATION SUMMER INSTITUTES, RESEARCH REPORTS

88. SE 001 254 10 18 67   03 35 29   1   00 000 009
EARNSHAW, THOMAS M.
PHYSICS TEACHING IN A SCIENCE MUSEUM

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*EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *MUSEUMS, *PHYSICS, *SECONDARY SCHOOL SCIENCE, CHEMISTRY, PHYSICAL SCIENCES, PROGRAM DESCRIPTION, SCIENCE SEMINARS, STUDENT WORKSHOPS, THE SCIENCE MUSEUM OF THE FRANKLIN INSTITUTE

89. SE 001 485 10 25 67 03 82 17 3 51 000 152
EDGERTON, HAROLD A.
IMPACTS OF THE NATIONAL SCIENCE FOUNDATION'S SUMMER SCIENCE PROGRAM FOR HIGH ABILITY SECONDARY SCHOOL STUDENTS

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62 141
*ACADEMIC ACHIEVEMENT, *ABLE STUDENTS, *EDUCATIONAL PROGRAMS, *SECONDARY SCHOOL SCIENCE, *SECONDARY SCHOOL STUDENTS, *STUDENT ATTITUDES, STUDENT INTERESTS, SCIENCE CAREERS, NATIONAL SCIENCE FOUNDATION, 1960

90. SE 000 721 09 07 67 02 95 01 1 35 000 306
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91. SE 001 785 11 20 67 02 95 22 2 21 000 291

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EDUCATIONAL SERVICES INCORPORATED, WATERTOWN, MASSACHUSETTS

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*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *ELEMENTARY SCHOOL MATHEMATICS, *PROJECT REPORTS, AUDIOVISUAL AIDS, COLLEGE SCIENCE, DEVELOPMENTAL REPORTS, PHYSICS, PHYSICAL SCIENCES, SECONDARY SCHOOL SCIENCE, SECONDARY SCHOOL MATHEMATICS, SCIENCE COURSE IMPROVEMENT PROJECT, TEACHER EDUCATION, SOCIAL STUDIES, SCIENCE EDUCATION, EDUCATIONAL SERVICES INCORPORATED (ESI), WATERTOWN, MASSACHUSETTS, 1965, ELEMENTARY SCIENCE STUDY, INTRODUCTORY PHYSICAL SCIENCE, PHYSICAL SCIENCE STUDY COMMITTEE, AFRICA, ENGLAND, INDIA, KANPUR, INDIA, PEACE CORPS, UNIVERSITY OF ILLINOIS, ARITHMETIC PROJECT

92. SE 000 854 11 29 67 03 93 17 2 35 000 222
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THE THIRD ACADEMIC YEAR INSTITUTE AT THE OHIO STATE UNIVERSITY
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*COLLEGE SCIENCE, *EVALUATION, *SCIENCE TEACHERS, *SCIENCE INSTITUTES, *SCIENCE EDUCATION, *TEACHER EDUCATION, EDUCATIONAL PROGRAMS, RESEARCH REPORTS, MATHEMATICS TEACHERS, MATHEMATICS EDUCATION, NATIONAL SCIENCE FOUNDATION, 1959, 1960, MINNESOTA TEACHER ATTITUDE INVENTORY, SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, OHIO STATE UNIVERSITY, COLUMBUS, OHIO

93. SE 000 138 08 25 67 03 23 29 2 00 000 003
EIDUSON, H. P.
ANATOMY OF AN INSTITUTE

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*ANALYTICAL CHEMISTRY, *CHEMISTS, *INSTRUMENTAL ANALYSIS, *SCIENCE INSTITUTES, *INSERVICE EDUCATION, CHEMISTRY, FOOD AND DRUG ADMINISTRATION, GEORGETOWN UNIVERSITY (WASHINGTON, D. C.)

94. SE 001 835 11 09 67 02 83 17 2 22 000 319
EVANS, CHARLES K.
SCIENCE AS A SYSTEM OF INQUIRY - FOCUS FOR A GENERAL EDUCATION PROGRAM

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65 189
*COLLEGE SCIENCE, *CURRICULUM DEVELOPMENT, *COURSE CONTENT, *EDUCATIONAL OBJECTIVES, *GENERAL EDUCATION, *INQUIRY TRAINING, *RESEARCH REPORTS, DOCTORAL THESES, EVALUATION, SCIENTIFIC LITERACY, TEACHING METHODS, 1965,

95. SE 000 328 11 08 67 03 11 29 2 00 000 010
FEIRO, ARTHUR D.
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11 00 66 2
*ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL PROGRAMS, *TEAM TEACHING, *TEACHER EDUCATION, *VISITING TEACHERS, BIOLOGY, CURRICULUM, PROGRAM DESCRIPTIONS, PENINSULA COMMUNITY COLLEGE (PORT ANGELES, WASHINGTON)

96. SE 000 795 07 13 67 02 42 29 1 00 000 008
FERRIS, FREDERICK L. JR.
THE PRINCETON JUNIOR HIGH SCHOOL SCIENCE PROJECT

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09 00 63 4
*COURSE CONTENT, *EARTH SCIENCE, *SECONDARY SCHOOL SCIENCE, *TEACHING METHODS, SCIENCE ACTIVITIES, OPEN-ENDED INVESTIGATIONS, JUNIOR HIGH SCHOOL SCIENCE PROJECT, ELEMENTARY SCIENCE SUMMER STUDY (WATERTOWN, MASSACHUSETTS), FRANKLIN SCHOOL (WEST NEWTON, MASSACHUSETTS), GEORGE SCHOOL (BUCKS COUNTY, PENNSYLVANIA), RIVERDALE COUNTY SCHOOL (NEW YORK CITY), JASON LEE SCHOOL (PORTLAND, OREGON)

97. SE 000 383 08 21 67 02 62 29 1 00 000 007
FIASCA, MICHAEL AND PORTER, DAVID
PORTLAND TRIES INTEGRATED SCIENCE COURSE

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*CHEMISTRY, *INTEGRATED SCIENCE, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *UNIFIED SCIENCE, CURRICULUM DEVELOPMENT, CHEMICAL BOND APPROACH, CHEMICAL EDUCATION MATERIALS STUDY, PHYSICAL SCIENCE STUDY COMMITTEE, PORTLAND (OREGON)

98. SE 001 997 11 29 67 02 92 17 2 22 000 319
FLANNIGAN, NORMAN ANTHONY
A STUDY OF HIGH SCHOOL SCIENCE COURSES IN GRADES 9-12 DESIGNED FOR GENERAL EDUCATION

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54 210
*CURRICULUM, *GENERAL EDUCATION, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *SCIENCE COURSES, BIOLOGY, CHEMISTRY, COURSE CONTENT, PHYSICS, GENERAL SCIENCE, SURVEY COURSE, TEACHING METHODS, 1954

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SCIENCE IS INVOLVEMENT

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100. SE 001 836 11 29 67 02 85 17 3 22 000 319
FLOYD, THOMAS W.
AN ANALYSIS OF THE KNOWLEDGE OF SCIENCE OF PUPILS PRIOR TO INSTRUCTION IN THE SEVENTH GRADE

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*CURRICULUM, *CURRICULUM EVALUATION, *ELEMENTARY SCHOOL SCIENCE, *GRADE 7, *RESEARCH REPORTS, *TEXTBOOK EVALUATION, *TEXTBOOKS, DOCTORAL THESES, GRADE 6, GRADE 5, INSTRUCTIONAL MATERIALS, SECONDARY SCHOOL SCIENCE, 1965, ILLINOIS

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FOWLER, H. SEYMOUR
SOME INNOVATIONS DEVELOPED BY AMERICAN SCHOOLS IN RESPONSE, IN PART, TO THE POPULATION EXPLOSION

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*ELEMENTARY SCHOOLS, *INNOVATIONS, *POPULATION STATISTICS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *SECONDARY SCHOOLS, *STUDENT ENROLLMENT

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FOX, FRED W.
EDUCATION AND SPIRIT OF SCIENCE - THE NEW CHALLENGE

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11 00 66 3
*CURRICULUM, *EDUCATIONAL OBJECTIVES, *SOCIAL IMPLICATION, SECONDARY SCHOOL SCIENCE, COLLEGE SCIENCE, ELEMENTARY SCHOOL SCIENCE, EDUCATIONAL POLICIES COMMISSION, NATIONAL EDUCATION ASSOCIATION

103. SE 000 451 08 16 67 02 62 29 1 00 000 007
FRANCIS, GLADYS M. AND HILL, CASPER W.
A UNIFIED PROGRAM IN SCIENCE FOR GRADES NINE THROUGH TWELVE

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*CURRICULUM DEVELOPMENT, *INTEGRATED SCIENCE, *SECONDARY SCHOOL SCIENCE, *UNIFIED SCIENCE, BIOLOGY, CHEMISTRY, EARTH SCIENCE, MULTIPLE TRACK PROGRAMS, PHYSICS, BIOLOGICAL SCIENCES CURRICULUM STUDY, CHEMICAL EDUCATION MATERIALS STUDY, CHEMICAL BOND APPROACH, PHYSICAL SCIENCE STUDY COMMITTEE, 1965, THEORY INTO ACTION

104. SE 001 450 10 11 67 02 93 29 1 00 000 008
FRASER, THOMAS P.
COLLEGE GENERAL EDUCATION SCIENCE - EXPLANATION OF A PROGRAM

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*COLLEGE SCIENCE, *CURRICULUM, *EDUCATIONAL PROGRAMS, *GENERAL EDUCATION, *PROGRAM DESCRIPTIONS, BIOLOGY, CHEMISTRY, PHYSICAL SCIENCES, PHYSICS, MORGAN STATE COLLEGE, BALTIMORE, (MARYLAND)

105. SE 000 101 06 13 67 02 91 16 1 20 000 245
FREDERICK COUNTY BOARD OF EDUCATION
A GUIDE TO THE ELEMENTARY SCHOOL SCIENCE PROGRAM

FREDERICK COUNTY BOARD OF EDUCATION, MARYLAND

03 00 64 297
*BIOLOGY, *ELEMENTARY SCHOOL SCIENCE, *EARTH AND SPACE SCIENCE, *PHYSICAL SCIENCES, *SCIENCE ACTIVITIES, *TEACHER RESOURCE MATERIALS, *TEACHER DEMONSTRATIONS, EARTH SCIENCE, SPACE SCIENCE, *CURRICULUM GUIDES

106. SE 001 654 10 18 67 03 11 22 1 05 000 168
FRESNO COUNTY SCHOOLS
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FRESNO COUNTY SCHOOLS, CALIFORNIA

66 13
*BIOLOGY, *ELEMENTARY SCHOOL SCIENCE, *FIELD BIOLOGY, *OUTDOOR LABORATORIES, *SUMMER SCIENCE PROGRAMS, EDUCATIONAL PROGRAMS, ECOLOGY, FIELD ECOLOGY, PROJECT REPORTS, CALIFORNIA, ELEMENTARY AND SECONDARY EDUCATION ACT (TITLE III)

107. SE 001 655 10 18 67 03 15 29 1 05 000 168
FRESNO COUNTY SCHOOLS
LABORATORY FOR LEARNING - PROPOSAL FOR OPERATIONAL PROJECT

FRESNO COUNTY SCHOOLS, CALIFORNIA

09 00 66 30
*BIOLOGY, *ELEMENTARY SCHOOL SCIENCE, *FIELD BIOLOGY, *PROPOSALS, *SECONDARY SCHOOL SCIENCE, *SUMMER SCIENCE PROGRAMS, ECOLOGY, FIELD ECOLOGY, OUTDOOR LABORATORIES, PROGRAM DESCRIPTIONS, SCIENCE ACTIVITIES, ELEMENTARY SECONDARY EDUCATION ACT (TITLE III), CALIFORNIA

108. SE 000 589 06 13 67 02 91 20 1 00 000 078
GAGNE, ROBERT M.
ELEMENTARY SCIENCE - A NEW SCHEME OF INSTRUCTION

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01 00 66 6
*ELEMENTARY SCHOOL SCIENCE, *LEARNING, *LEARNING THEORY, *SCIENTIFIC METHODOLOGY, *TEACHING METHODS, CREATIVITY, *CURRICULUM DEVELOPMENT, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, NATIONAL SCIENCE FOUNDATION, SCIENCE - A PROCESS APPROACH

109. SE 001 269 08 29 67 03 71 17 2 22 000 319
GARZON, DIONISIO PADUL
AN ANALYSIS OF THE PROBLEMS OF TEACHING ELEMENTARY SCIENCE IN THE PHILIPPINE PUBLIC SCHOOLS

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

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*EDUCATIONAL PROGRAMS, *EDUCATIONAL OBJECTIVES, *ELEMENTARY SCHOOL SCIENCE, *INTERNATIONAL EDUCATION, INSERVICE EDUCATION, RESEARCH REPORTS, PRESERVICE EDUCATION, SCIENCE EQUIPMENT, TEACHING METHODS, TEACHING PROBLEMS, PHILIPPINES, 1962

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GATES, OLCOTT
THE GEOLOGY MAJOR IN A SMALL COLLEGE

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*COLLEGE SCIENCE, *EARTH SCIENCE, *GEOLOGY, COLLEGE CURRICULUM, EDUCATIONAL PROGRAMS, GRADUATE EDUCATION, PAPERS

111. SE 000 786 08 25 67 02 95 20 3 00 000 008
GATEWOOD, CLAUDE W. AND OBOURN, ELLSWORTH S.
IMPROVING SCIENCE EDUCATION IN THE UNITED STATES

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12 00 63 45
*CURRICULUM DEVELOPMENT, *EQUIPMENT MANUFACTURERS, *FOUNDATION
PROGRAMS, SECONDARY SCHOOL SCIENCE, *SCIENCE EDUCATION HISTORY,
INSERVICE EDUCATION, INSTITUTES (TRAINING PROGRAMS), SCIENCE
EQUIPMENT, SCIENCE TEACHING CENTERS, NATIONAL SCIENCE FOUNDATION,
PHYSICAL SCIENCE STUDY COMMITTEE, BIOLOGICAL SCIENCE CURRICULUM
STUDY, CHEMICAL BOND APPROACH, TEACHER EDUCATION, COURSE CONTENT,
EDUCATIONAL OBJECTIVES

112. SE 001 235 07 26 67 03 95 17 2 22 000 319
GATEWOOD, CLAUDE WEST
A STUDY OF THE EFFECT OF THE OKLAHOMA STATE UNIVERSITY TRAVELING
SCIENCE TEACHER PROGRAM ON THE ATTITUDES OF HIGH SCHOOL STUDENTS
TOWARD SCIENCE AND SCIENTISTS #63-4051
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62 179
*EDUCATIONAL PROGRAMS, *PROGRAM EVALUATION, *SECONDARY SCHOOL
SCIENCE, *STUDENT ATTITUDES, *TRAVELING SCIENCE TEACHERS, RESEARCH
REPORTS, OKLAHOMA STATE UNIVERSITY, OKLAHOMA STATE UNIVERSITY
TRAVELING SCIENCE TEACHER PROGRAM

113. SE 001 842 11 14 67 10 12 17 2 22 000 319
GEORGE, KENNETH D.
AN EXPERIMENTAL EVALUATION OF BSCS AND CONVENTIONAL BIOLOGY BY
COMPARING THEIR EFFECT ON CRITICAL-THINKING ABILITY

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

64 159
*ACADEMIC ACHIEVEMENT, *BIOLOGY, *CRITICAL THINKING, *RESEARCH
REPORTS, *INSTRUCTION, *SECONDARY SCHOOL SCIENCE, CONVENTIONAL
INSTRUCTION, DOCTORAL THESES, WATSON-GLASER CRITICAL THINKING
APPRAISAL, OTIS QUICK SCORING MENTAL ABILITY TEST, BIOLOGICAL
SCIENCES CURRICULUM STUDY, BLUE VERSION, GREEN VERSION, YELLOW
VERSION

114. SE 001 445 11 17 67 02 43 06 2 00 000 197
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115. SE 001 680 08 18 67 02 43 20 1 00 000 197
GILLERMAN, ELLIOT
MINERAL GENESIS IN THE MINERALOGY CURRICULUM

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*CURRICULUM DEVELOPMENT, *COLLEGE SCIENCE, *COURSE CONTENT, *EARTH SCIENCE, *GEOLOGY, *MINERALOGY, *PAPERS, CHEMISTRY

116. SE 000 276 07 19 67 02 62 29 1 00 000 007
GOAR, F. D. AND OTHERS
THE MOLINE PROJECT - A TWO-YEAR INTEGRATED SCIENCE COURSE

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*CHEMISTRY, *INTEGRATED SCIENCE, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *UNIFIED SCIENCE, COURSE DESCRIPTIONS, COURSE DEVELOPMENT, PHYSICAL SCIENCES, CHEMICAL EDUCATIONAL MATERIALS STUDY, PHYSICAL SCIENCE STUDY COMMITTEE, MOLINE, MOLINE SENIOR HIGH SCHOOL, PORTLAND PROJECT

117. SE 001 844 11 14 67 02 92 17 2 22 000 319
GOMEZ, SEVERO
AN EVALUATION OF THE ORGANIZATIONAL FEATURES AND INSTRUCTIONAL METHODS OF THE JUNIOR HIGH SCHOOL SCIENCE PROGRAM IN SELECTED TEXAS SCHOOLS
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*ACADEMIC ACHIEVEMENT, *CURRICULUM, *COMPARATIVE ANALYSIS, *GENERAL SCIENCE, *RESEARCH REPORTS, *SEQUENTIAL PROGRAMS, *SECONDARY SCHOOL SCIENCE, *TEACHING METHODS, BIOLOGY, CURRICULUM EVALUATION, DOCTORAL THESES, EARTH SCIENCE, JUNIOR HIGH SCHOOLS, NONSEQUENTIAL PROGRAMS, PHYSICAL SCIENCES, SOCIOECONOMIC INFLUENCE, TEXAS, 1965

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GONG, WALTER ALBERT
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GOULD, MAURI
DOUBLE OR TRIPLE YOUR HIGH SCHOOL PHYSICS ENROLLMENT

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120. SE 001 607 08 22 67 03 11 29 1 00 000 001
GREENE, KINGSLEY L.
CLASSROOM WITHOUT WALLS

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03 00 67 3
*BIOLOGY, *EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *OUTDOOR LABORATORIES, *SCIENCE FACILITIES, FIELD TRIPS, FIELD BIOLOGY, OUTDOOR EDUCATION, PROGRAM DESCRIPTIONS

121. SE 001 460 11 13 67 02 15 20 1 00 000 006
GRIES, GEORGE A.
MOUNTAIN-TOP AND SEASHORE BIOLOGY

SCIENCE EDUCATION

03 00 67 3
*AGRICULTURE, *BIOLOGY, *CURRICULUM DEVELOPMENT, *COURSE CONTENT, COLLEGE SCIENCE, EDUCATIONAL OBJECTIVES, INSTRUCTION, PAPERS, SECONDARY SCHOOL SCIENCE

122. SE 001 434 11 13 67 03 43 20 1 00 000 197
GRIES, JOHN PAUL
WHAT SHOULD THE MASTER'S PROGRAM CONTRIBUTE?

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04 00 65 3
*COLLEGE SCIENCE, *EARTH SCIENCE, EDUCATIONAL PROGRAMS, *GEOLOGY, *GRADUATE STUDY, *MASTERS DEGREES, PAPERS

123. SE 000 054 11 28 67 02 92 20 2 06 000 238
GROBMAN, ARNOLD B.
NATIONAL SCIENCE FOUNDATION ROLE

BIOLOGICAL SCIENCES CURRICULUM STUDY
UNIVERSITY OF COLORADO, BOULDER
10 00 65 4
*BIOLOGY, *CURRICULUM DEVELOPMENT, *COURSE CONTENT, *GOVERNMENT ROLE, *SECONDARY SCHOOL SCIENCE, *SCIENCE COURSE IMPROVEMENT PROJECTS, NEWSLETTERS, SCIENCE EDUCATION, NATIONAL SCIENCE FOUNDATION, BIOLOGICAL SCIENCES CURRICULUM STUDY

124. SE 000 593 09 05 67 02 13 20 2 00 000 199
GROBSTEIN, CLIFFORD
BACKGROUND THOUGHTS ON CURRICULUM PLANNING FOR BIOLOGY

BIOSCIENCE

09 00 64 5
*BIOLOGY, *COLLEGE SCIENCE, *CURRICULUM DEVELOPMENT, PAPERS

125. SE 000 286 08 25 67 02 15 20 2 00 000 001
GROBSTEIN, CLIFFORD
DEFINING THE CORE OF A SCIENCE

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*BIOLOGY, *COLLEGE SCIENCE, *CURRICULUM DEVELOPMENT, *COURSE CONTENT SELECTION, CURRICULUM, COMMISSION ON UNDERGRADUATE EDUCATION IN THE BIOLOGICAL SCIENCES, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

126. SE 000 431 08 18 67 03 82 29 1 00 000 007
GROSS, LEO AND MOLOMUT, NORMAN
A SUMMER IN SCIENCE RESEARCH

THE SCIENCE TEACHER

04 00 64 3
*SECONDARY SCHOOL SCIENCE, *STUDENT RESEARCH, *SUMMER PROGRAMS, *TEACHER RESEARCH, BIOLOGY, COMMUNITY RESOURCES, FIELD TRIPS, SCIENCE ACTIVITIES, SCIENCE CAREERS, TEACHING METHODS

127. SE 000 588 06 01 67 01 52 22 1 21 000 291
HABER-SHAIM, URI
INTRODUCTORY PHYSICAL SCIENCE

AUTHOR, EDUCATIONAL SERVICES, INC., 164 MAINE STREET,
WATERTOWN, MASS.
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*PHYSICAL SCIENCES, *SECONDARY SCHOOL SCIENCE, *SCIENCE
COURSE IMPROVEMENT PROJECT, COURSE CONTENT, EDUCATIONAL
OBJECTIVES, GRADE 7, GRADE 8, GRADE 9, SCIENCE EQUIPMENT,
SCIENCE FACILITIES, TEACHER WORKSHOPS, PROJECT REPORTS,
PHYSICAL SCIENCE STUDY COMMITTEE, CHEMICAL BOND APPROACH,
CHEMICAL EDUCATION MATERIALS STUDY, INTRODUCTORY PHYSICAL
SCIENCE

128. SE 000 472 08 25 67 02 85 19 2 00 000 007
HALE, HELEN E.
SCIENCE AND SUPERVISION

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04 00 66 4
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *SPEECHES,
*SECONDARY SCHOOL SCIENCE, SUPERVISION, AMERICAN ASSOCIATION OF
SCHOOL ADMINISTRATORS, ATLANTIC CITY (NEW JERSEY), 1966

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HALL, THOMAS S.
NEW DIRECTIONS IN BIOLOGY TEACHING

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GENERAL EDUCATION, TEACHER EDUCATION, UNDERGRADUATE EDUCATION,
COMMISSION ON UNDERGRADUATE EDUCATION IN THE BIOLOGICAL SCIENCES

130. SE 001 388 10 19 67 03 43 20 2 00 000 197
HAMBLETON, WILLIAM W.
EDUCATION OF GEOLOGISTS FOR GEOLOGICAL SURVEYS

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*COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *GEOLOGY, *GEOLOGISTS, *PAPERS, EARTH SCIENCE, GEOLOGICAL SURVEYS, GRADUATE STUDY, UNDERGRADUATE STUDY, NATIONAL ASSOCIATION OF GEOLOGY TEACHERS

131. SE 001 508 10 30 67 03 43 19 2 00 000 004
HAMBLETON, WILLIAM W.
GEO-STUDY - AN EXPLORATION PROGRAM IN GEOLOGY

SCHOOL SCIENCE AND MATHEMATICS

10 00 64 4
*COLLEGE SCIENCE, *CURRICULUM, *EDUCATIONAL PROGRAMS, *EARTH SCIENCE, *GEOLOGY, *TEACHER EDUCATION, *UNDERGRADUATE EDUCATION, INSERVICE TEACHER EDUCATION, PROGRAM DESCRIPTIONS, SPEECHES, SECONDARY SCHOOL SCIENCE, SCIENCE EDUCATION, NATIONAL SCIENCE FOUNDATION, GEO-STUDY, AMERICAN GEOLOGICAL INSTITUTE, COMMISSION ON UNDERGRADUATE EDUCATION IN THE GEOLOGICAL SCIENCES

132. SE 001 690 11 29 67 02 43 20 2 00 000 197
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IMPACT OF HIGH-SCHOOL EARTH-SCIENCE COURSES ON COLLEGE CURRICULA

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133. SE 001 459 11 29 67 02 93 29 2 00 000 006
HAMILTON, LAWRENCE S.
EDUCATION FOR THE CHANGING FIELD OF CONSERVATION

SCIENCE EDUCATION

03 00 67 4
*CONSERVATION EDUCATION, *COLLEGE SCIENCE, *CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *EDUCATIONAL PROBLEMS, *PROGRAM DESCRIPTION, *SCIENCE AND SOCIETY, BIOLOGY, EARTH SCIENCE, ECOLOGY, EDUCATIONAL BACKGROUND, NATURAL RESOURCE, SCIENCE COURSES, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, 1966

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HANEY, RICHARD E.
THE CHANGING CURRICULUM - SCIENCE

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66 39
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HANSELMAN, DAVID LEE
INTERDEPARTMENTAL TEACHING OF CONSERVATION AT THE OHIO STATE UNIVERSITY

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*COLLEGE SCIENCE, *CONSERVATION EDUCATION, *COURSE CONTENT, CONCEPT FORMATION, RESEARCH REPORTS, THE OHIO STATE UNIVERSITY, 1963

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HANSMAN, HOWARD J.
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*CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL PROGRAMS,
MATHEMATICS EDUCATION, *PROGRAM DESCRIPTIONS, *SECONDARY SCHOOL
SCIENCE, *TEACHER EDUCATION, NATIONAL SCIENCE FOUNDATION,
COOPERATIVE COLLEGE SCHOOL SCIENCE PROGRAM

137. SE 000 361 10 11 67 02 21 20 2 00 000 010
HARBECK, RICHARD M. AND HARBECK, MARY BLATT
INVESTIGATING CHEMISTRY

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04 00 66 4
*CHEMISTRY, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL OBJECTIVES,
*SCIENCE ACTIVITIES, *SCIENCE CONCEPTS, PROBLEM SOLVING, SKILL
DEVELOPMENT, SKILLS

138. SE 001 791 10 16 67 02 32 22 1 21 000 336
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67 11
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REPORTS, *SECONDARY SCHOOL SCIENCE, CURRICULUM, TEACHER EDUCATION,
HARVARD PROJECT PHYSICS, UNITED STATES OFFICE OF EDUCATION,
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140. SE 001 693 08 18 67 02 45 29 1 00 000 197
HAYES, JOHN B.
COLLEGE-LEVEL GEOLOGY COURSE FOR HIGH SCHOOL STUDENTS

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141. SE 001 380 10 09 67 02 43 22 1 00 000 197
HAYWARD, O. T.
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142. SE 000 267 06 29 67 02 22 20 1 00 000 198
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WHAT'S NEW IN HIGH SCHOOL CHEMISTRY?

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*CHEMISTRY, *SECONDARY SCHOOL SCIENCE, SCIENCE COURSE IMPROVEMENT PROJECTS, SCIENCE EDUCATION, 1966, CHEMICAL EDUCATION MATERIALS STUDY, CHEMICAL BOND APPROACH, NATIONAL SCIENCE FOUNDATION, MARSHALL UNIVERSITY, WEST VIRGINIA, SCHOOL AND COLLEGE ABILITY TEST, AMERICAN CHEMICAL SOCIETY CO-OP TEST

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HELLER, ROBERT L.
THE EARTH SCIENCE CURRICULUM PROJECT

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147. SE 000 452 08 25 67 02 85 20 2 00 000 007
HOFFMASTER, EDMUND S. AND OTHERS
DESIGN FOR SCIENCE

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*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE, CURRICULUM MODELS, MONTGOMERY COUNTY PUBLIC SCHOOLS, ROCKVILLE (MARYLAND)

148. SE 001 729 08 23 67 03 43 29 1 00 000 197
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A COURSE IN STATISTICAL GEOLOGY (GEOMETRICS)

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*COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *GEOLOGY, *STATISTICAL GEOLOGY, COURSE DESCRIPTIONS, EARTH SCIENCE, GEOMETRICS, PROGRAM DESCRIPTIONS, UNIVERSITY OF MISSOURI

149. SE 000 469 10 09 67 02 12 29 1 00 000 007
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EXPERIMENTAL COURSE LABORATORY TECHNOLOGY

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*BIOLOGY, *CURRICULUM DEVELOPMENT, *LABORATORY PROCEDURES, *SECONDARY SCHOOL SCIENCE, COURSE CONTENT, CHEMISTRY, COURSE DESCRIPTION, PHYSICS, TECHNICAL EDUCATION, VOCATIONAL EDUCATION, BETHPAGE HIGH SCHOOL (BETHPAGE, NEW YORK)

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HERRON, JAMES DUDLEY
A FACTOR ANALYTIC AND STATISTICAL COMPARISON OF CHEM STUDY AND CONVENTIONAL CHEMISTRY IN TERMS OF THEIR DEVELOPMENT OF COGNITIVE ABILITIES
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65 170
*ACADEMIC ACHIEVEMENT, *CURRICULUM, *CURRICULUM EVALUATION, *COGNITIVE DEVELOPMENT, *COMPARATIVE ANALYSIS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *CHEMISTRY, DOCTORAL THESES, EVALUATION, CONVENTIONAL INSTRUCTION, WATSON-GLASER CRITICAL THINKING APPRAISAL, ITED (IOWA TEST OF EDUCATIONAL DEVELOPMENT), CHEMICAL EDUCATION MATERIALS STUDY, 1965

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A NEED FOR COORDINATION OF SCIENCE YOUTH ACTIVITIES

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*EDUCATIONAL PROGRAMS, *INTERAGENCY COORDINATION, PAPERS, SCIENCE CLUBS, *SECONDARY SCHOOL SCIENCE, *SCIENCE FAIRS, *SCIENCE ACTIVITIES, *YOUTH AGENCIES, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, SCIENCE SERVICE, JUNIOR ACADEMY OF SCIENCE

152. SE 000 496 08 18 67 02 95 16 2 12 000 200
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SCIENCE PROGRAM FOR IDAHO PUBLIC SCHOOLS

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*CURRICULUM DEVELOPMENT, *GRADE 7, *PHYSICAL SCIENCE, *PROGRAMED INSTRUCTION, *SECONDARY SCHOOL SCIENCE, COURSE ORGANIZATION, NEWSLETTERS, SCIENCE ACTIVITIES, INTERMEDIATE SCIENCE CURRICULUM STUDY, FLORIDA STATE UNIVERSITY

154. SE 001 593 11 09 67 02 91 32 1 09 000 158
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*CURRICULUM DEVELOPMENT, *INDIVIDUAL INSTRUCTION, *PHYSICAL SCIENCES, *PROGRAM DESCRIPTION, *SCIENCE COURSE IMPROVEMENT PROJECT, *SECONDARY SCHOOL SCIENCE, *TEXTBOOKS, ELEMENTARY SCHOOL SCIENCE, GRADE 7, GRADE 8, GRADE 9, NEWSLETTERS, TEACHER EDUCATION, TEACHING METHODS, WRITING CONFERENCES, INTERMEDIATE SCIENCE CURRICULUM STUDY (ISCS), FLORIDA STATE UNIVERSITY, UNITED STATES OFFICE OF EDUCATION, INSTRUCTIONAL MATERIALS

155. SE 001 800 08 29 67 02 52 22 1 09 000 158
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156. SE 001 799 08 23 67 02 55 22 1 09 000 158
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157. SE 000 698 06 29 67 02 92 16 1 15 000 200
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158. SE 001 032 07 27 67 02 86 20 1 00 000 006
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159. SE 001 009 07 24 67 02 12 20 1 00 000 001
IVO, SISTER MARY
THE CATHOLIC HIGH SCHOOL AND THE BSCS PROGRAM

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*BIOLOGY, *CURRICULUM DEVELOPMENT, *SECONDARY SCHOOL SCIENCE, *SCIENCE COURSE IMPROVEMENT PROJECT, PAROCHIAL SCHOOLS, NATIONAL ASSOCIATION OF BIOLOGY TEACHERS, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, BIOLOGICAL SCIENCES CURRICULUM STUDY, *PAPERS

160. SE 001 541 10 18 67 02 52 29 1 00 000 004
JEFFERY, JAY M.
A HIGH SCHOOL COURSE IN METEOROLOGY

SCHOOL SCIENCE AND MATHEMATICS

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*COURSE DESCRIPTIONS, *CURRICULUM DEVELOPMENT, *METEOROLOGY, *SECONDARY SCHOOL SCIENCE, PROGRAM DESCRIPTIONS, PHYSICAL SCIENCE, CHARLES F. BRUSH HIGH SCHOOL, OHIO, SOUTH EUCLID

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AN EVALUATION OF THE FIRST FIVE ACADEMIC YEAR INSTITUTES,
UNIVERSITY OF UTAH, SEPTEMBER, 1957-AUGUST, 1963

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*SECONDARY SCHOOL SCIENCE, *STUDENT CHARACTERISTICS, *STUDENT
OPINION, *TEACHER EDUCATION, BIOLOGY, CHEMISTRY, EVALUATION,
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UNIVERSITY OF UTAH, NATIONAL SCIENCE FOUNDATION, 1964

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JOSEPH, ALEXANDER
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AUTHOR, JOHN JAY COLLEGE OF CRIMINAL JUSTICE, DIVISION OF
SCIENCE AND MATHEMATICS, NEW YORK, NEW YORK
63 12
*COLLEGE SCIENCE, *CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS,
*GENERAL EDUCATION, *PHYSICS, *PROGRAMED INSTRUCTION, *PROGRAM
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CONTENT, LIBERAL ARTS, FORD FOUNDATION, PROGRAMED LIBERAL ARTS
PHYSICS

163. SE 001 898 08 23 67 02 33 06 1 00 000 006
JOSSEMM, E. LEONARD
UNDERGRADUATE CURRICULA IN PHYSICS - A REPORT ON THE PRINCETON
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164. SE 000 759 09 12 67 02 81 15 2 16 000 200
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165. SE 000 751 06 29 67 02 92 16 1 16 000 200
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A CURRICULUM GUIDE FOR THE SECONDARY SCHOOLS OF KANSAS

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166. SE 000 955 06 05 67 03 12 29 1 00 000 001
KASTRINOS, WILLIAM
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167. SE 001 128 09 08 67 02 52 22 1 00 000 169
KAUFMANIS, KARLIS
BASIC CHANGES IN STUDY OF ASTRONOMY

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*ASTRONOMY, *COURSE DEVELOPMENT, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, PROGRESS REPORTS, UNIVERSITY OF ILLINOIS ELEMENTARY SCHOOL SCIENCE PROJECT

168. SE 000 898 06 01 67 03 92 29 1 00 000 006
KELLER, DOLORES ELAINE
FAIRLEIGH DICKINSON PROGRAM FOR ENRICHING THE CURRICULUM OF
GIFTED SECONDARY SCHOOL STUDENTS IN THE FIELDS OF THE PHILOSOPHY
OF SCIENCE AND NATURAL SCIENCE
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*AFTER SCHOOL PROGRAMS, *COCURRICULAR ACTIVITIES, *SECONDARY
SCHOOL SCIENCE, NATURAL SCIENCES, SCIENCE PHILOSOPHY, TEACHING
METHODS, DWIGHT MORROW HIGH SCHOOL (ENGLEWOOD, NEW JERSEY),
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FOUNDATION, PROGRAM DESCRIPTIONS

169. SE 001 854 11 01 67 02 12 17 2 22 000 319
KELLY, RICHARD DELMER
THE DEVELOPMENT AND IMPLEMENTATION OF A COURSE IN ADVANCED
ANIMAL BIOLOGY - A CASE STUDY OF TWELVE TALENTED STUDENTS

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65 282
*ADVANCED BIOLOGY, *BIOLOGY, *SECONDARY SCHOOL SCIENCE,
*CURRICULUM DEVELOPMENT, *RESEARCH REPORTS, *SCIENCE COURSES,
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KIERSCH, GEORGE A.
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*GRADUATE STUDY, *TRENDS, APPLIED GEOLOGY, CURRICULUM DEVELOPMENT,
COURSE CONTENT, EARTH SCIENCE, GEOLOGY, PAPERS, RESOURCE MATERIALS

171. SE 000 930 11 16 67 19 92 17 2 00 000 004
KLANSMEIER, HERBERT J. AND WIERSMA, WILLIAM
EFFECTS OF CONDENSING CONTENT IN MATHEMATICS AND SCIENCE IN THE JUNIOR AND SENIOR HIGH SCHOOL

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*ABLE STUDENTS, *ACADEMIC ACHIEVEMENT, *CURRICULUM DEVELOPMENT, *COURSE CONTENT, *INSTRUCTION, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *SECONDARY SCHOOL MATHEMATICS, BIOLOGY, GENERAL SCIENCE, LORGE-THORNDIKE INTELLIGENCE TEST, IOWA TEST OF BASIC SKILLS, STANFORD ACHIEVEMENT TEST, SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, LANKTON FIRST YEAR ALGEBRA TEST, HENMON-NELSON TEST OF MENTAL ABILITY, 1964, TEST ON UNDERSTANDING SCIENCE

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AN HISTORICAL AND EXPERIMENTAL APPROACH TO THE TEACHING OF ATOMIC STRUCTURE AND SCIENCING

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*ATOMIC STRUCTURE, *CHEMISTRY, *CURRICULUM, *DISSERTATIONS, *INSTRUCTION, *PHYSICS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *TEACHING METHODS, CRITICAL THINKING, GENERAL SCIENCE, SCIENCE ACTIVITIES, 1965, WATSON-GLASER CRITICAL THINKING APPRAISAL, TEST ON UNDERSTANDING SCIENCE

173. SE 000 029 10 09 67 02 62 20 2 00 000 007
KLOPFER, LEOPOLD E.
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174. SE 000 967 08 16 67 03 83 29 1 00 000 001
KOELSCHE, CHARLES L.
EMERGING GRADUATE SCIENCE EDUCATION PROGRAMS

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175. SE 001 597 10 18 67 03 12 29 1 00 000 007
KONICEK, RICHARD AND TINSLEY, THOMAS
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*BIOLOGY, *EDUCATIONAL PROGRAMS, *HUMAN DEVELOPMENT, *SECONDARY SCHOOL SCIENCE, *SEX EDUCATION, PROGRAM DESCRIPTIONS, GREENWICH, CONNECTICUT

176. SE 001 281 11 01 67 02 53 17 2 22 000 319
KOWALSKI, STEPHEN WESLEY
CRITERIA FOR A COLLEGE SCIENCE HONORS PROGRAM FOR GENERAL EDUCATION

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*CURRICULUM DEVELOPMENT, *COLLEGE SCIENCE, *GENERAL EDUCATION, *HONORS COURSES, *PHYSICAL SCIENCES, *SCIENTIFIC LITERACY, CURRICULUM RESEARCH, COURSE OBJECTIVES, CURRICULUM EVALUATION, DOCTORAL THESES, RESEARCH REPORTS, 1964

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178. SE 000 146 07 10 67 03 92 20 1 00 000 004
KULLMAN, DAVID E.
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SCHOOL SCIENCE AND MATHEMATICS

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BIOLOGY IN SCIENCE - A PROCESS APPROACH

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180. SE 001 287 11 29 67 19 12 17 2 22 000 319
LANCE, MARY LOUISE
A COMPARISON OF GAINS IN ACHIEVEMENT MADE BY STUDENTS OF BIOLOGICAL SCIENCES CURRICULUM STUDY HIGH SCHOOL BIOLOGY AND STUDENTS OF A CONVENTION COURSE IN BIOLOGY
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64 128
*ACADEMIC ACHIEVEMENT, *BIOLOGY, *COMPARATIVE ANALYSIS, *CONVENTIONAL INSTRUCTION, *CURRICULUM, *INSTRUCTION, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, DOCTORAL THESES, GRADE 9, GRADE 10, INTELLIGENCE, SEX (CHARACTERISTICS), UNIVERSITY OF GEORGIA, 1964, ATHENS, GEORGIA, BIOLOGICAL SCIENCES CURRICULUM STUDY GREEN VERSION, NELSON BIOLOGY TEST, WHAT DO YOU THINK TEST (NO. 11), BIOLOGICAL SCIENCES CURRICULUM STUDY

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*COURSE DESCRIPTIONS, *COLLEGE SCIENCE, *CURRICULUM, *EARTH SCIENCE, *GEOLOGY, AMERICAN GEOLOGICAL INSTITUTE (AGI), BROWN UNIVERSITY

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EVOLUTION AS A GEOLOGIC CONCEPT - AN INTRODUCTORY GEOLOGY COURSE

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185. SE 000 307 07 10 67 02 86 38 1 00 000 007
LEVENS, ERNEST
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MABEN, JERROLD WILLIAM
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MATTHEWS, WILLIAM H. III
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MAURER, EDWARD ROBERT
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Mc CLARY, GEORGE, O.
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      *ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE,
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      MINNER, SISTER JEANNE FRANCIS
      A CRITICAL ANALYSIS OF THE INTRODUCTORY COLLEGE BIOLOGY PROGRAM
      IN CATHOLIC WOMEN'S JUNIOR COLLEGES IN THE UNITED STATES

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NAHRSTEDT, GARY WALTER
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*ELEMENTARY SCHOOL SCIENCE, *STUDENT SCIENCE ACTIVITIES, *TEACHER RESOURCE MATERIALS, BIOLOGY, EARTH AND SPACE SCIENCE, FIELD ACTIVITIES, SCIENCE ACTIVITIES, PHYSICAL SCIENCES, *CURRICULUM GUIDES, *TEACHER GUIDES

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234. SE 001 699 11 09 67 02 95 32 1 49 000 425
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235. SE 001 653 11 29 67 02 95 03 3 49 000 225
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236. SE 001 787 11 09 67 03 81 22 1 36 000 426
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237. SE 000 696 06 29 67 02 91 16 1 37 000 200
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238. SE 000 697 06 29 67 02 92 16 1 37 000 200
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239. SE 000 178 07 05 67 03 92 29 1 00 000 007
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240. SE 001 115 07 26 67 03 15 37 1 17 000 311
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241. SE 001 878 11 02 67 03 83 17 2 22 000 319
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242. SE 000 392 11 29 67 02 71 22 2 00 000 010
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243. SE 000 159 07 20 67 03 95 29 1 00 000 010
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244. SE 001 740 08 18 67 03 43 29 1 00 000 197
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246. SE 001 886 09 18 67 03 11 29 1 00 000 010
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247. SE 000 168 06 28 67 02 83 17 1 00 000 006
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248. SE 000 427 08 22 67 02 95 20 1 00 000 007
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249. SE 001 145 11 09 67 03 85 20 2 00 00 004
PELLA, MILTON O.
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250. SE 000 765 09 06 67 02 22 20 1 44 000 200
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251. SE 001 130 09 05 67 02 41 20 1 00 000 169
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252. SE 001 413 08 22 67 03 92 29 1 00 000 009
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253. SE 001 424 10 18 67 03 35 29 1 00 000 009

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254. SE 000 132 10 09 67 02 23 20 2 00 000 003
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255. SE 001 881 10 18 67 03 82 17 2 22 000 319
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256. SE 001 600 08 29 67 02 12 29 1 00 000 001
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258. SE 000 433 09 12 67 02 92 29 2 00 000 007
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259. SE 001 301 11 20 67 02 32 17 2 22 000 319
RATHE, DALE DONALD
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260. SE 000 902 07 26 67 02 32 17 1 00 000 006
RATHE, DALE D.
CERTAIN PHYSICS GENERALIZATIONS DESIRABLE FOR STUDENTS TO ATTAIN BEFORE TAKING THE PHYSICAL SCIENCE STUDY COMMITTEE'S HIGH SCHOOL PHYSICS COURSE
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261.  SE 001 446  11 29 67            02 52 17       2      00 000 008
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      CONSTRUCTION, TEACHER INFLUENCE, FLORIDA STATE UNIVERSITY


262.  SE 001 426  11 29 67            02 32 29       2      00 000 009
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263.  SE 001 149  11 28 67            02 85 32       1      42 000 318
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264. SE 000 644 06 05 67 03 72 17 1 22 000 268
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265. SE 001 882 10 18 67 03 52 17 2 22 000 319
REMICK, EDWARD LOUIS
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266. SE 001 095 11 13 67 02 32 29 2 00 000 009
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267. SE 001 299 11 29 67 02 86 17 2 22 000 319
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268. SE 001 017 06 09 67 02 85 20 1 00 000 004
RISING, GERALD R.
RESEARCH AND DEVELOPMENT IN MATHEMATICS AND SCIENCE EDUCATION AT THE MINNESOTA SCHOOL MATHEMATICS AND SCIENCE CENTER AND THE MINNESOTA NATIONAL LABORATORY
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269. SE 001 441 10 11 67 02 43 20 1 00 000 197
ROGERS, JOHN R.
GEOLOGY AND ASTROGEOLOGY

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270. SE 001 298 11 16 67 02 93 17 2 22 000 319
RONEY, MAURICE WILLIAM
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271. SE 001 374 11 29 67 02 53 06 2 35 000 270
RONNEBERG, CONRAD E.
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272. SE 001 437 09 22 67 03 45 29 1 00 000 197
ROSCOE, ERNEST J.
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*EARTH SCIENCE, *MUSEUMS, *SCIENCE PROGRAMS, *SCIENCE COURSES, COLLEGE SCIENCE, CURRICULUM, EDUCATIONAL PROGRAMS, ELEMENTARY SCHOOL SCIENCE, GEOLOGY, PROGRAM DESCRIPTIONS, SEMINARS, SECONDARY SCHOOL SCIENCE, CHICAGO NATURAL HISTORY MUSEUM

273. SE 000 794 06 30 67 02 95 22 1 00 000 008
ROSENBLOOM, P. C.
THE MINNESOTA MATHEMATICS AND SCIENCE TEACHING PROJECT

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*COURSE CONTENT, *ELEMENTARY SCHOOL MATHEMATICS, *ELEMENTARY SCHOOL SCIENCE, *SCIENCE COURSE IMPROVEMENT PROJECTS, COLLEGE SCIENCE, COLLEGE MATHEMATICS, GRADE 7, GRADE 8, GRADE 9, TEACHING METHODS, TESTS, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, NATIONAL ASSOCIATION OF STATE DIRECTORS OF TEACHER EDUCATION AND CERTIFICATION

274. SE 000 006 07 05 67 02 91 17 3 00 000 008
ROWE, MARY BUDD AND HURD, PAUL DEHART
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275. SE 001 544 11 17 67 02 15 17 2 22 000 319
ROZOLIS, JAMES THEODORE
A CRITICAL STUDY OF THE RELATIONSHIP BETWEEN THE BIOLOGICAL SCIENCE COURSES IN SELECTED HIGH SCHOOLS AND THOSE AT THE UNIVERSITY OF CALIFORNIA AT LOS ANGELES (1960-1965)
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*INNOVATIONS, *INSTRUCTIONAL INNOVATIONS, *SCHOOL PERSONNEL,
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AUTHOR, TUPELO PUBLIC SCHOOLS, UNIVERSITY, MISSISSIPPI

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THE TWIN CITY INSTITUTE FOR TALENTED YOUTH - 1967 SESSION

TWIN CITY INSTITUTE FOR TALENTED YOUTH, ST. PAUL, MINNESOTA

67 11
*ABLE STUDENTS, *BIOLOGY, *EDUCATIONAL PROGRAMS, *SECONDARY SCHOOL STUDENTS, *SECONDARY SCHOOL SCIENCE, CATALOGS, COURSE DESCRIPTIONS, ECOLOGY, SPACE SCIENCE, 1967

325. SE 000 456 07 07 67 02 72 22 1 00 000 007
VAN DEVENTER, W. C.
MICHIGAN PREPARES PROJECT ON JUNIOR HIGH SCIENCE

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*CURRICULUM DEVELOPMENT, *SECONDARY SCHOOL SCIENCE, *TEACHING METHODS, GRADE 7, GRADE 8, GRADE 9, SCIENCE CURRICULUM COMMITTEE (MICHIGAN D.P.I.), MICHIGAN D.P.I. SCIENCE CURRICULUM COMMITTEE, DEVELOPMENT REPORTS

326. SE 001 912 09 12 67 02 92 20 1 32 000 339
VAN HOOFT, GORDON E.
SECOND-TRACK SCIENCE COURSES, PARALLEL PATHS FOR WHOM TO WHERE?

SCIENCE TEACHERS' BULLETIN

66 3
*ABILITY GROUPING, *CURRICULUM DEVELOPMENT, *SECONDARY SCHOOL SCIENCE, *SCIENCE COURSES, *TRACK PROGRAMS, BIOLOGY, CHEMISTRY, PAPERS, PHYSICS, NEW YORK STATE REGENTS COURSES

327. SE 001 611 08 29 67 03 13 29 1 00 000 001
VANABLE, J. W. JR. AND CLARK, J. H.
ON TEACHING DEVELOPMENTAL BIOLOGY

THE AMERICAN BIOLOGY TEACHER

02 00 67 3
*BIOLOGY, *COLLEGE SCIENCE, *COURSE DESCRIPTIONS, *DEVELOPMENTAL BIOLOGY, *SCIENCE COURSES, EMBRYOLOGY, EDUCATIONAL PROGRAMS, PROGRAM DESCRIPTIONS, PURDUE UNIVERSITY, WEST LAFAYETTE (INDIANA)

328. SE 001 466 09 22 67 02 92 29 1 00 000 006
VITROGAN, DAVID
THE DEVELOPMENT OF A COURSE OF STUDY IN SPACE SCIENCE SUITABLE FOR INSTRUCTION IN THE NINTH AND TENTH GRADES IN THE SECONDARY SCHOOLS

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*COURSE CONTENT, *INSTRUCTIONAL MATERIALS, *PHYSICAL SCIENCE, *SECONDARY SCHOOL SCIENCE, *SPACE SCIENCE, ABLE STUDENTS, ASTRONOMY, BIOLOGY, CURRICULUM DEVELOPMENT, CHEMISTRY, EARTH SCIENCE, EVALUATION, GRADE 9, GRADE 10, INDUCTIVE LEARNING, MATHEMATICS, PHYSICS, PROGRAM DESCRIPTION, SCIENTIFIC CONCEPTS, TEACHING TECHNIQUES, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GRANT, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

329. SE 000 584 11 29 67 03 95 29 1 13 000 290
VOGL, ROBERT L.
OUTDOOR EDUCATION FOR RURAL DISADVANTAGED

AUTHOR, NORTHERN ILLINOIS UNIVERSITY, OREGON

12 00 66 3
*EDUCATIONALLY DISADVANTAGED, *OUTDOOR EDUCATION, NATIONAL DEFENSE EDUCATION ACT, MACON COUNTY (ALABAMA), PROGRAM DESCRIPTIONS

330. SE 000 954 06 08 67 03 12 29 1 00 000 001
VOSS, BURTON E.
"GREAT EXPERIMENTS IN BIOLOGY" - A SUMMER PROGRAM FOR ACADEMICALLY TALENTED HIGH SCHOOL STUDENTS

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*ABLE STUDENTS, *BIOLOGY, *SUMMER SCIENCE PROGRAMS, *SECONDARY SCHOOL SCIENCE, SCIENCE COURSES, SECONDARY SCHOOL STUDENTS, STATE UNIVERSITY OF IOWA, IOWA CITY, IOWA, NATIONAL SCIENCE FOUNDATION, PROGRAM DESCRIPTIONS

331. SE 000 940 08 22 67 02 12 20 1 00 000 004
VOSS, BURTON E.
THE IMPACT OF BSCS BIOLOGY

SCHOOL SCIENCE AND MATHEMATICS

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332. SE 001 225 07 25 67 02 52 17 2 22 000 319
WAGNER, DANIEL
A PLAN FOR A PROPOSED COURSE IN NATURAL SCIENCE AS AN ELEVENTH OR TWELFTH GRADE ELECTIVE IN THE NEW ROCHELLE, NEW YORK SCHOOLS

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

63 175
*COURSE CONTENT SELECTION, *CURRICULUM DEVELOPMENT, *PHYSICAL SCIENCES, *SECONDARY SCHOOL SCIENCE, GRADE 11, GRADE 12, NATURAL SCIENCES, TEACHING METHODS, RESEARCH REPORTS

333. SE 000 779 10 19 67 04 86 20 2 00 000 008
WALBESSER, HENRY H.
CURRICULUM EVALUATION BY MEANS OF BEHAVIORAL OBJECTIVES

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334. SE 001 602 08 29 67 02 11 31 1 00 000 001
WALCOTT, CHARLES
ELEMENTARY SCHOOL BIOLOGY

THE AMERICAN BIOLOGY TEACHER

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*BIOLOGY, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, DEVELOPMENTAL REPORTS, SCIENCE CURRICULUM IMPROVEMENT PROJECT, EDUCATIONAL DEVELOPMENT CENTER (FORMERLY ESI), NATIONAL SCIENCE FOUNDATION, ELEMENTARY SCIENCE STUDY

335. SE 000 135 08 21 67 03 23 20 2 00 000 003
WALTER, ROBERT I.
FRESHMAN MOTIVATION AND PLACEMENT IN LARGE UNIVERSITIES - CHANGING CURRICULUM IN CHEMISTRY, II

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336. SE 000 137 08 25 67 03 23 17 2 00 000 003
WALTER, ROBERT I.
NEW COURSE PLANS BASED UPON A REVISED SCHEDULE FOR THE COLLEGE YEAR

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WALTER, ROBERT I.
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*CURRICULUM, *COLLEGE SCIENCE, *CHEMISTRY, *PHYSICS, *SCIENCE COURSES, COLLEGE MATHEMATICS, INTEGRATED SCIENCE, LIBERAL ARTS COLLEGES, UNIFIED SCIENCE, LEBANON VALLEY COLLEGE (ANNVILLE, PENNSYLVANIA), URSINUS COLLEGE, (COLLEGEVILLE, PENNSYLVANIA)

338. SE 000 830 10 19 67 02 12 17 2 00 000 008
WALTERS, LOUIS
NINTH VERSUS TENTH GRADE BIOLOGY - A FOLLOW-UP STUDY

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339. SE 001 325 11 17 67 11 83 17 2 22 000 319
WARD, HAROLD EUGENE
SPECIAL INSTITUTE SCIENCE COURSES IN ACADEMIC YEAR INSTITUTES, 1962-63

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64 193
*COLLEGE SCIENCE, *COURSE OBJECTIVES, *COURSE CONTENT, *EDUCATIONAL PROGRAMS, *INSTITUTE TYPE COURSES, *STUDENT OPINION, *SECONDARY SCHOOL SCIENCE, *TEACHING METHODS, *TEACHER EDUCATION, *TEACHER ATTITUDES, DOCTORAL THESES, RESEARCH REPORTS, SCIENCE PROGRAMS, 1964, OHIO STATE UNIVERSITY

340. SE 000 791 08 22 67 02 95 29 2 00 000 008
WATSON, FLETCHER G.
THE CURRICULUM IN SCIENCE FOR AN AFRICAN SCHOOL

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09 00 63 8
*CURRICULUM DEVELOPMENT, *COURSE CONTENT, *INTERNATIONAL EDUCATION, *SECONDARY SCHOOL SCIENCE, BOARDING SCHOOLS, COCURRICULAR ACTIVITIES, COLLEGE SCIENCE, VOCATIONAL EDUCATION, 1963, BIOLOGICAL SCIENCES CURRICULUM STUDY, NIGERIA, YORUNDA

341. SE 001 596 11 20 67 02 92 20 1 00 000 007
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TEACHING SCIENCE TO THE AVERAGE PUPIL

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342. SE 001 933 11 09 67 10 51 17 2 22 000 319
WEAVER, ALLEN DALE
A DETERMINATION OF CRITERIA FOR SELECTION OF LABORATORY EXPERIENCES SUITABLE FOR AN INTEGRATED COURSE IN PHYSICAL SCIENCE DESIGNED FOR THE EDUCATION OF ELEMENTARY SCHOOL TEACHERS
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54 387
*CURRICULUM, *COLLEGE SCIENCE, *EVALUATION, *SCIENCE ACTIVITIES, *PHYSICAL SCIENCES, *TEACHER EDUCATION, CURRICULUM PLANNING, ELEMENTARY SCHOOL SCIENCE, EDUCATIONAL OBJECTIVES, INTEGRATED SCIENCES, 1954

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WEBSTER, JOHN W.
A SCIENCE PROGRAM FOR THE DISADVANTAGED CHILD

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*ELEMENTARY SCHOOL SCIENCE, *ELEMENTARY SCHOOL STUDENTS, SCIENCE
COURSES, TEACHER RESOURCE MATERIALS

344. SE 001 668 08 18 67 02 43 20 1 00 000 197
WELLS, JOHN W.
STRATIGRAPHY AS A COLLEGIATE STUDY

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*COLLEGE SCIENCE, CURRICULUM DEVELOPMENT, *GEOLOGY, *STRATIGRAPHY,
COURSE ORGANIZATION, EARTH SCIENCE, POSITION PAPERS

345. SE 000 089 06 27 67 02 95 15 2 48 000 200
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PROJECTS

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*BIOLOGY, *CHEMISTRY, *PHYSICS, *SECONDARY SCHOOL SCIENCE,
*SCIENCE COURSE IMPROVEMENT PROJECTS, *TEACHER RESOURCE
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EQUIPMENT, SCIENCE EQUIPMENT, SCIENCE FACILITIES, *TEACHER
SOURCEBOOKS, BIOLOGICAL SCIENCE CURRICULUM STUDY, CHEMICAL
EDUCATIONAL MATERIALS STUDY, CHEMICAL BOND APPROACH, PHYSICAL
SCIENCE STUDY COMMITTEE

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WESTMEYER, PAUL
SAN ANTONIO JUNIOR SCHOOL PHYSICAL SCIENCE PROJECT

AUTHOR, FLORIDA STATE UNIVERSITY, TALLAHASSEE

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*CURRICULUM DEVELOPMENT, *PHYSICAL SCIENCE, *SECONDARY SCHOOL SCIENCE, GRADE 9, INSERVICE TEACHER EDUCATION, SCIENCE COURSE IMPROVEMENT PROJECTS, PROJECT REPORTS, INTRODUCTORY PHYSICAL SCIENCE (IPS), EDUCATIONAL SERVICE INC. (ESI)

341. SE 000 310 08 21 67 02 22 29 1 00 000 007
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SCHOOL-COLLEGE COOPERATION IN CHEMISTRY COURSE DEVELOPMENT

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342. SE 000 390 08 21 67 03 95 29 1 00 000 010
WHITMAN, JANET
SARASOTA SCIENCE CLUB

SCIENCE AND CHILDREN

03 00 65 3
*ELEMENTARY SCHOOL SCIENCE, *SCIENCE CLUBS, *SECONDARY SCHOOL SCIENCE, *STUDENT ASSISTANTS, COCURRICULAR ACTIVITIES, DEMONSTRATIONS, TEACHING TECHNIQUES

349. SE 001 679 08 23 67 02 43 20 1 00 000 197
WINCHESTER, JOHN W.
UNDERGRADUATE PREPARATION FOR THE STUDENTS OF GEOCHEMISTRY

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*CHEMISTRY, *CURRICULUM DEVELOPMENT, *COLLEGE SCIENCE, *EARTH SCIENCE, *GEOLOGY, *GEOCHEMISTRY, *PAPERS

350. SE 000 445 09 07 67 03 95 17 1 00 000 007
WINSLOW, J. LEON
TEACHING SCIENCE ABROAD

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*ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL OBJECTIVES, *COLLEGE SCIENCE, *OBJECTIVES, *SECONDARY SCHOOL SCIENCE, *TEACHING ASSIGNMENTS, *TEACHING METHODS, UNDERDEVELOPED NATIONS, AID, TEACHER QUALIFICATIONS, BIBLIOGRAPHIES, UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION, FORD FOUNDATION, PEACE CORPS

351. SE 000 454 07 31 67 03 42 22 1 00 000 007
WISE, LEW E. AND ELMES, ROBERT J.
NEW RESERVOIR INSPIRES EARTH SCIENCE PROJECT

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*COURSE CONTENT, *EARTH SCIENCE, *SUMMER PROGRAMS, COMMUNITY RESOURCES, SECONDARY SCHOOL SCIENCE, SCIENCE ACTIVITIES, 1963

352. SE 000 343 08 21 67 02 92 29 1 00 000 007
WONG, HARRY K.
THE FORMATION OF A GIFTED-STUDENT RESEARCH GROUP

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*COCURRICULAR ACTIVITIES, *ABLE STUDENTS, *SCIENCE CLUBS, *SECONDARY SCHOOL SCIENCE, GRADE 9, GRADE 10, GRADE 11, GRADE 12, MOTIVATION, FUTURE SCIENTISTS OF AMERICA, SCIENCE COLLEGE ABILITY TEST, DIFFERENTIAL APTITUDE TEST

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WOOD, HUGH B.
WHAT SCIENCE TEACHERS CAN LEARN FROM OUR URBAN JOB CORPS EXPERIENCE

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04 00 66 2
*ADULT EDUCATION, *CURRICULUM DEVELOPMENT, *TEACHING METHODS, FIELD TRIPS, CONSUMER SCIENCE, *JOB CORPS

354. SE 001 324 11 17 67 22 92 17 2 22 000 319
WOODARD, ROBERT LEWIS
THE SCIENCE OFFERINGS, ENROLLMENTS, FACILITIES, AND SCIENCE TEACHERS IN THE PUBLIC SECONDARY SCHOOLS OF UPSTATE NEW YORK, FALL 1958 AND 1961
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

63 232
*CURRICULUM DEVELOPMENT, *ENROLLMENT TRENDS, *SECONDARY SCHOOL SCIENCE, *TEACHER QUALIFICATIONS, *TEACHER SALARIES, CURRICULUM EVALUATION, BIOLOGY, CHEMISTRY, EARTH SCIENCE, GENERAL SCIENCE, PHYSICS, PHYSICAL SCIENCES, SCIENCE FACILITIES, TEACHER BACKGROUND, SURVEYS, NEW YORK, 1961, 1963

355. SE 000 988 10 31 67 02 12 17 2 00 000 001
YAGER, ROBERT E.
VARIATION IN THE SUCCESS OF NINTH AND TENTH YEAR STUDENTS IN GENERAL BIOLOGY

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*ACADEMIC ACHIEVEMENT, *BIOLOGY, *CURRICULUM DEVELOPMENT, *GRADE PLACEMENT, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, GRADE 9, GRADE 10, SCIENCE COURSES, STATE UNIVERSITY OF IOWA LABORATORY SCHOOLS (IOWA CITY, IOWA), NELSON BIOLOGY TEST, 1958, 1959, 1960, 1961, SILANCE SCALE FOR MEASURING ATTITUDE TOWARD ANY SCHOOL SUBJECT

356. SE 001 097 10 25 67 02 92 20 2 00 000 009
YARANTSEV, BORIS
WHAT IS THE TRIPLE S?

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*INTERNATIONAL EDUCATION, *SECONDARY SCHOOL SCIENCE, *STUDENT RESEARCH, *STUDENT INTERESTS, *SCIENCE CLUBS, BIOLOGY, CHEMISTRY, EDUCATIONAL PROGRAMS, MATHEMATICS, PHYSICS, PROGRAM DESCRIPTIONS, STUDENT ATTITUDES, RUSSIA

357. SE 001 185 10 31 67 02 32 20 2 00 000 009
YOUNG, VICTOR J.
A REPORT ON PRE-COLLEGE PHYSICS

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